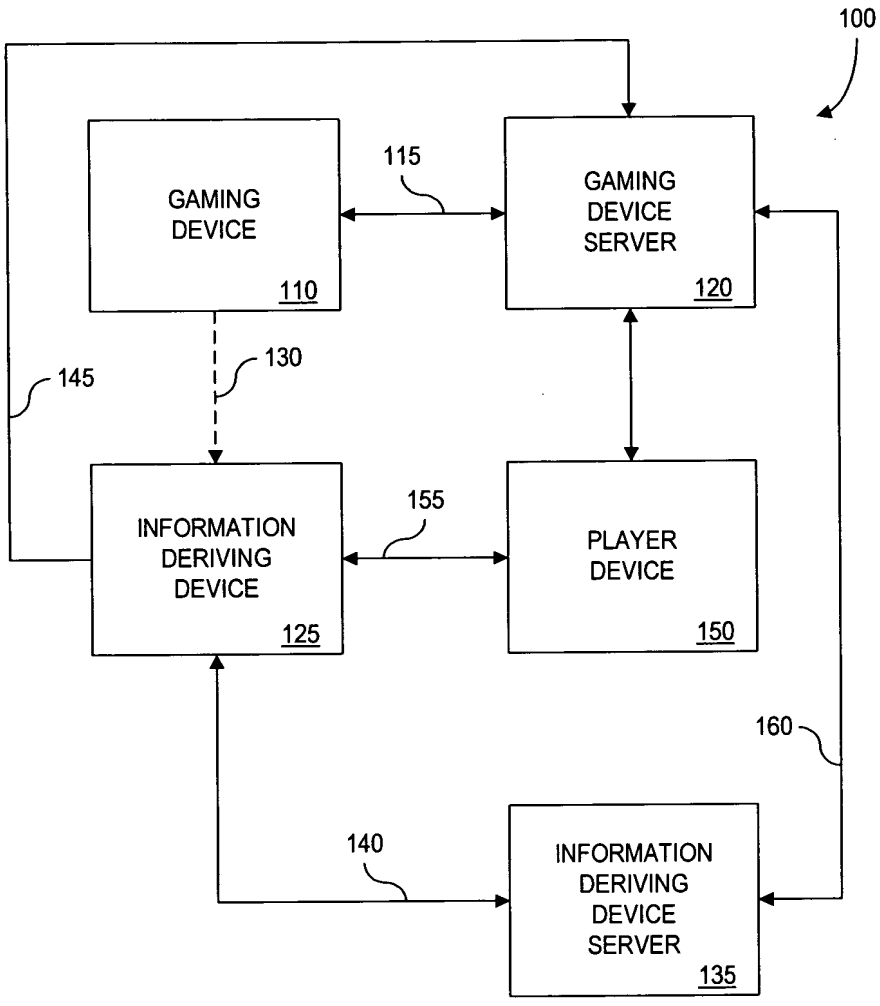

100
GAMING DEVICE
110
115
GAMING DEVICE SERVER
120
130
145
INFORMATION DERIVING DEVICE
125
155
PLAYER DEVICE
150
160
140
INFORMATION DERIVING DEVICE SERVER
135

FIG. 1

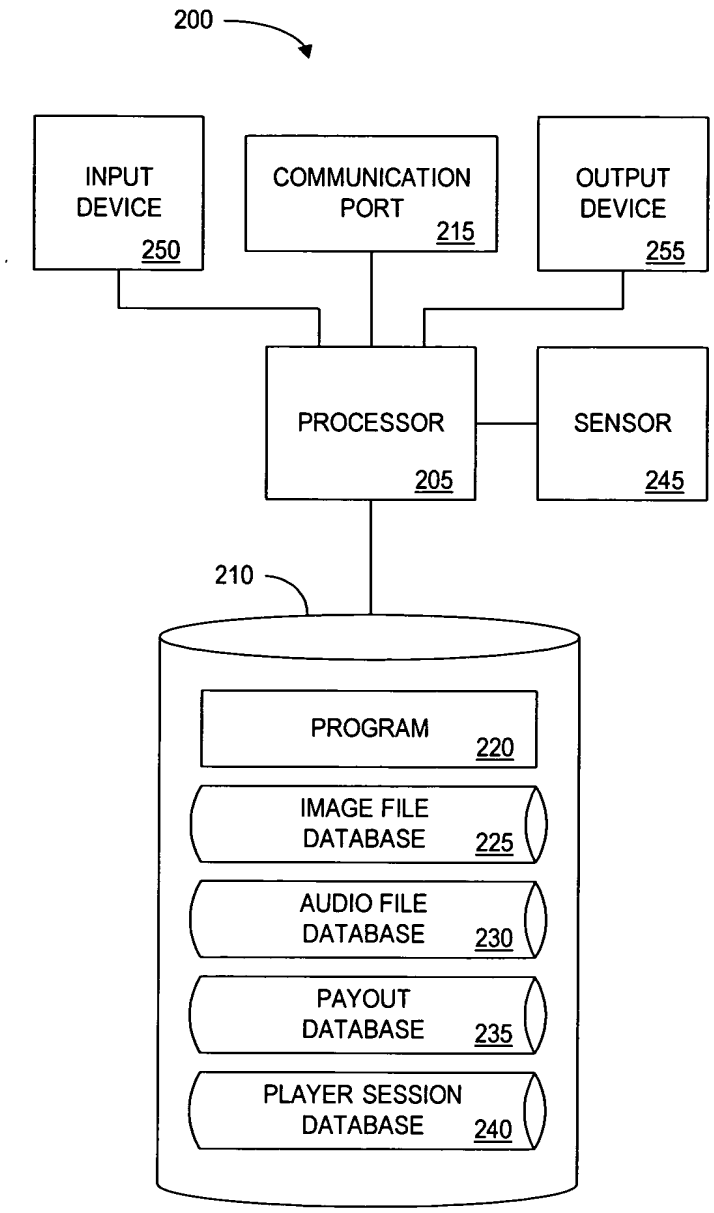

200
INPUT DEVICE 250
COMMUNICATION PORT 215
OUTPUT DEVICE 255
PROCESSOR 205
SENSOR 245
210
PROGRAM 220
IMAGE FILE DATABASE 225
AUDIO FILE DATABASE 230
PAYOUT DATABASE 235
PLAYER SESSION DATABASE 240

FIG. 2

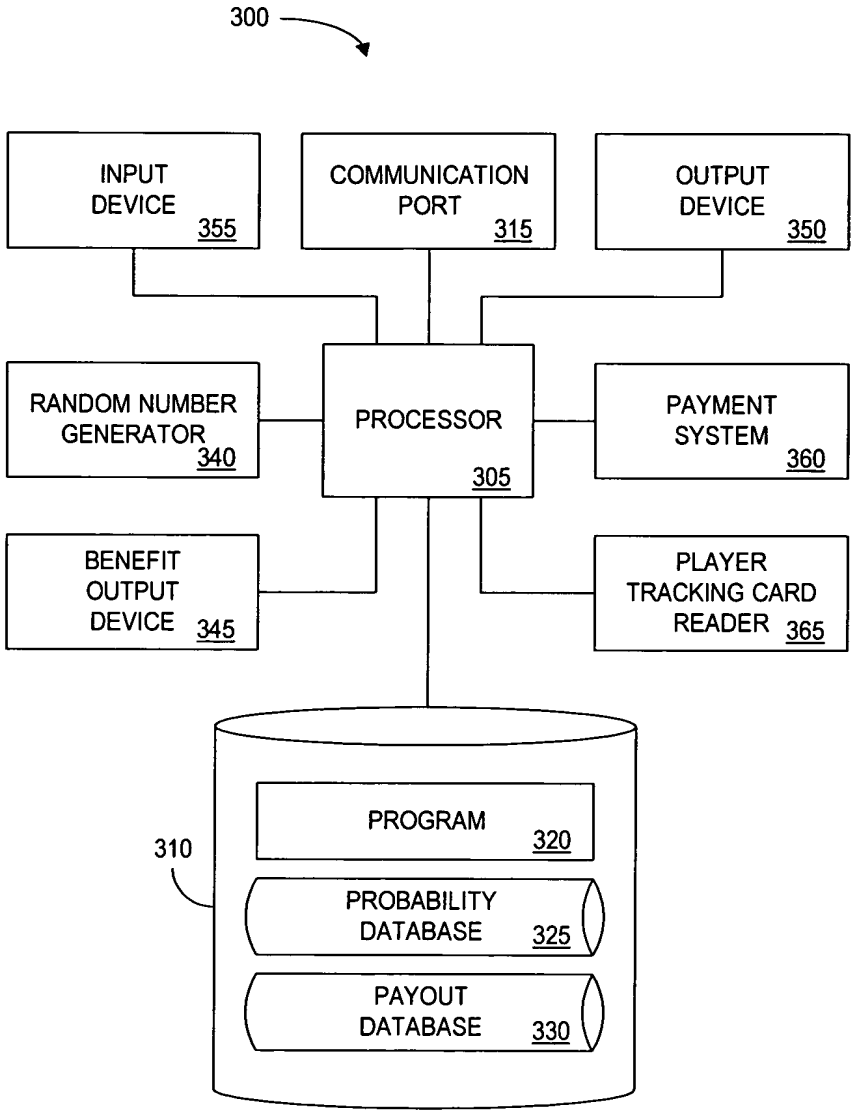

300
INPUT DEVICE 355
COMMUNICATION PORT 315
OUTPUT DEVICE 350
RANDOM NUMBER GENERATOR 340
PROCESSOR 305
PAYMENT SYSTEM 360
BENEFIT OUTPUT DEVICE 345
PLAYER TRACKING CARD READER 365
310
PROGRAM 320
PROBABILITY DATABASE 325
PAYOUT DATABASE 330

FIG. 3A

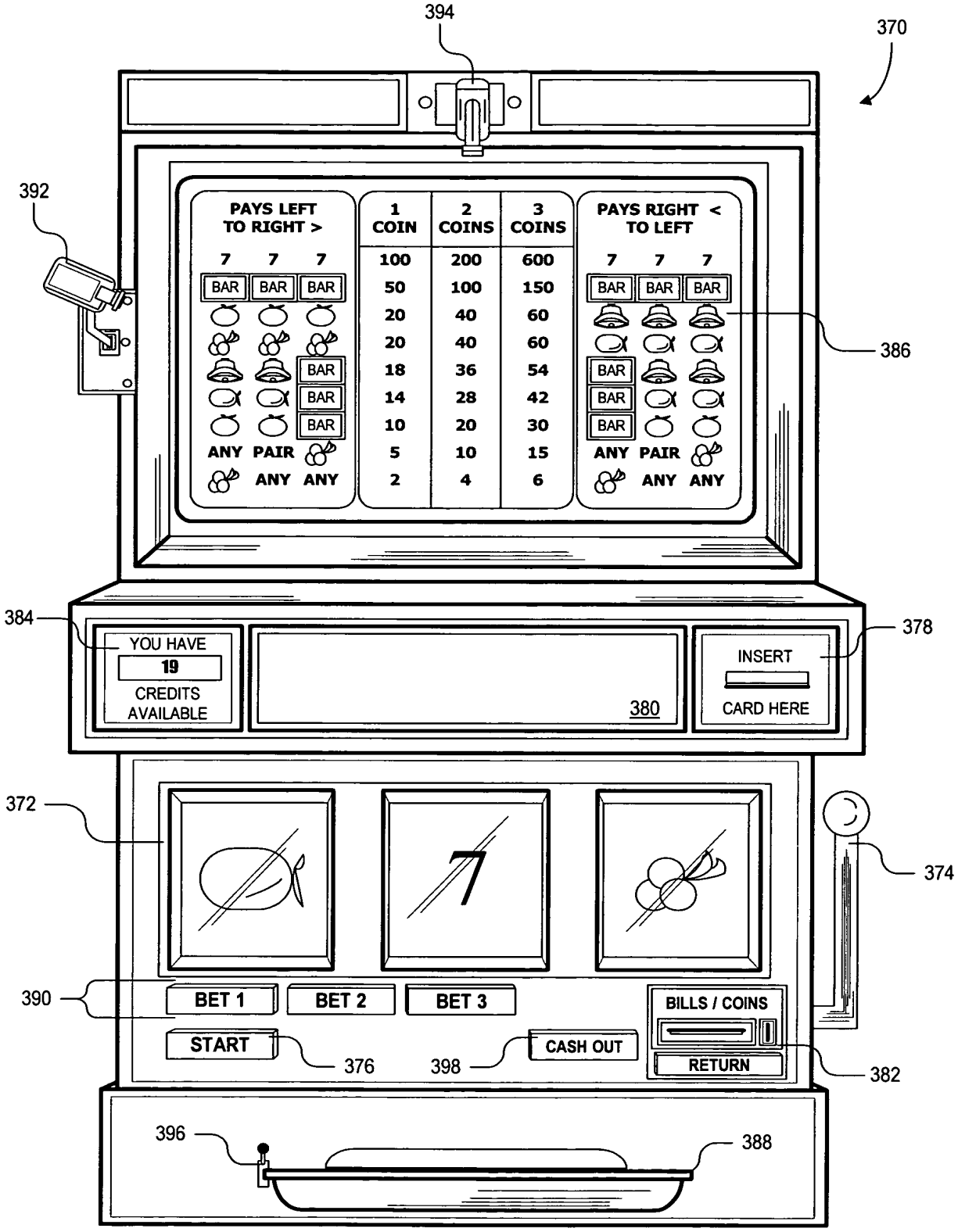

394
370
392
PAYS LEFT TO RIGHT >
1 COIN
2 COINS
3 COINS
PAYS RIGHT < TO LEFT
7 7 7
BAR BAR BAR
100 200 600
50 100 150
20 40 60
20 40 60
18 36 54
14 28 42
10 20 30
5 10 15
2 4 6
ANY PAIR
ANY ANY
386
384
YOU HAVE
19
CREDITS AVAILABLE
380
INSERT
CARD HERE
378
372
374
390
BET 1
BET 2
BET 3
START
376
398
CASH OUT
BILLS / COINS
RETURN
382
396
388

FIG. 3B

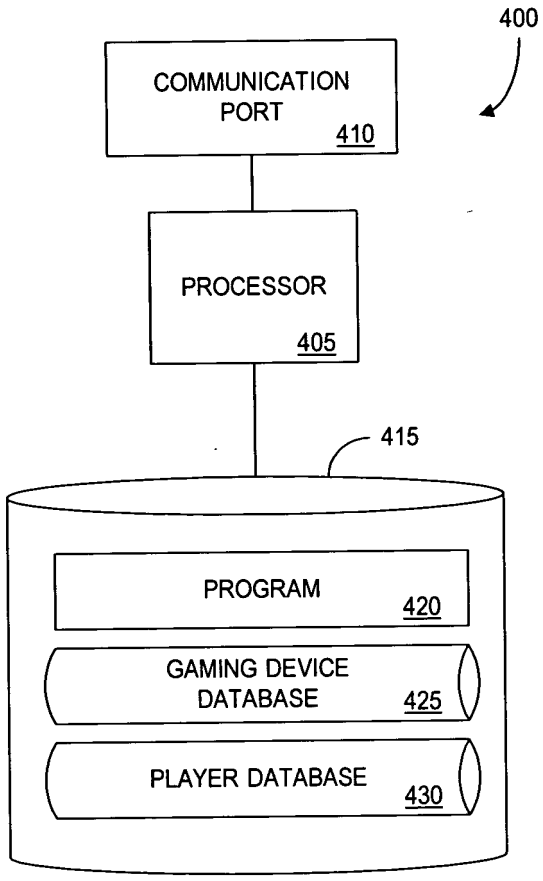

400
COMMUNICATION PORT
410
PROCESSOR
405
415
PROGRAM
420
GAMING DEVICE DATABASE
425
PLAYER DATABASE
430

FIG. 4

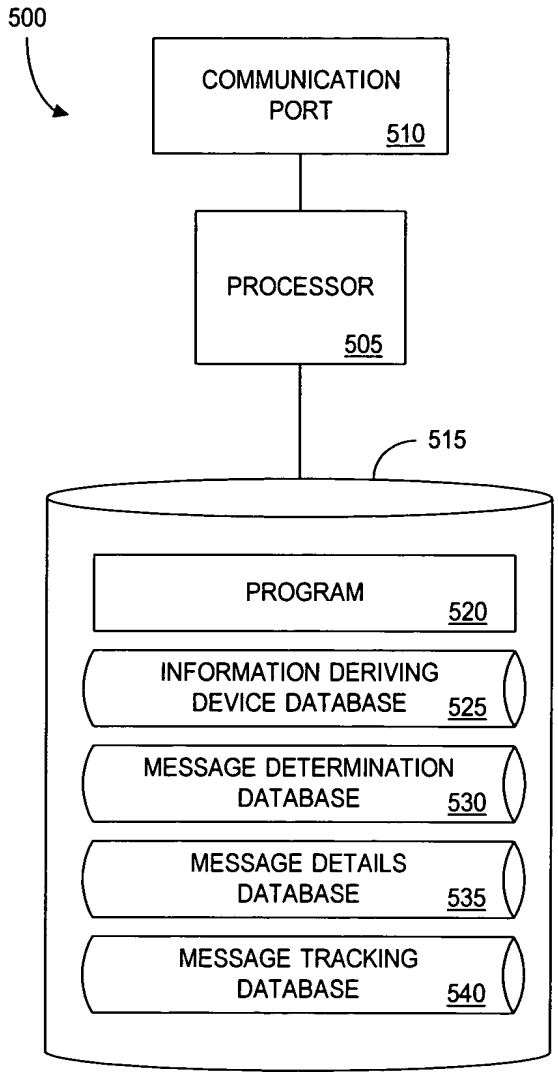

500
COMMUNICATION PORT
510
PROCESSOR
505
515
PROGRAM
520
INFORMATION DERIVING DEVICE DATABASE
525
MESSAGE DETERMINATION DATABASE
530
MESSAGE DETAILS DATABASE
535
MESSAGE TRACKING DATABASE
540

FIG. 5

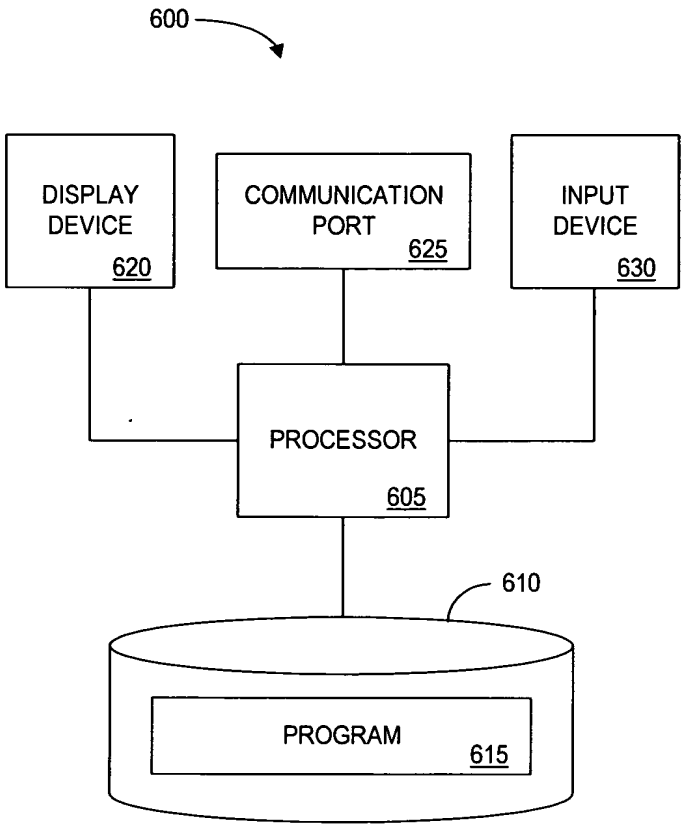
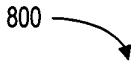

600
DISPLAY DEVICE
620
COMMUNICATION PORT
625
INPUT DEVICE
630
PROCESSOR
605
610
PROGRAM
615

FIG. 6

IMAGE IDENTIFIER 710	IMAGE DATA FILE 720	DESCRIPTION 730
I001	<IMAGE DATA>	CHERRY
I002	<IMAGE DATA>	BELL
I003	<IMAGE DATA>	BAR
I100	<IMAGE DATA>	9

FIG. 7



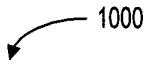
AUDIO DATA IDENTIFIER 810	AUDIO DATA FILE 820	DESCRIPTION 830
A001	<AUDIO DATA>	COIN DROPPING
A002	<AUDIO DATA>	REEL STOPPING
A093	<AUDIO DATA>	BELLS FOR THE JACKPOT
A109	<AUDIO DATA>	BILL BEING INSERTED

FIG. 8

OUTCOME 910	NUMBER OF COINS AWARDED 920
CHERRY / ANY / ANY	2
ANY / ANY / CHERRY	2
CHERRY / CHERRY / ANY	5
ANY / CHERRY / CHERRY	5
CHERRY / ANY / CHERRY	5
CHERRY / CHERRY / CHERRY	20
BAR / ORANGE / ORANGE	10
ORANGE / ORANGE / BAR	10
ORANGE / ORANGE / ORANGE	20
BAR / PLUM / PLUM	14
PLUM / PLUM / BAR	14
PLUM / PLUM / PLUM	20
BAR / BELL / BELL	18
BELL / BELL / BAR	18
BELL / BELL / BELL	20
BAR / BAR / BAR	50
7 / 7 / 7	100
OTHER	0

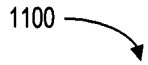
FIG. 9

PRIOR ART



SESSION IDENTIFIER: S1122 1005				
TIME STARTED: 12:14 1010				
GAME PLAY 1015	TIME OF GAME PLAY 1020	AMOUNT WAGERED 1025	OUTCOME 1030	PAYOUT 1035
1	12:14:34	$1	BAR-7-BELL	0
2	12:14:40	$1	CHERRY-BAR-BAR	2
3	12:14:46	$1	ORANGE-ORANGE-ORANGE	10
N	12:47:21	$3	PLUM-7-BAR	0

FIG. 10



GAMING DEVICE IDENTIFIER 1105	GAME 1110	DENOMINATION 1115	LOCATION 1120
G10001	WILD TURKEY SHOOTOUT	DOLLAR	1ST FLOOR 105N 209E
G98765	KIT AND CABOODLE	NICKLE	2ND FLOOR 30N 70E
G33445	END OF THE RAINBOW	QUARTER	1ST FLOOR 25S 50W
G22449	KEY TO THE CASTLE	FIVE-DOLLAR	3RD FLOOR 50N 70W

FIG. 11

1200

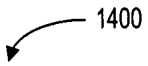
PLAYER IDENTIFIER 1205	NAME 1210	FINANCIAL ACCOUNT IDENTIFIER 1215	HOME ADDRESS 1220	E-MAIL ADDRESS 1225	THEORETICAL WIN 1230	PLAYER DEVICE ADDRESS 1235
P111222	JOHN DOE	1111-1111-1111-1111	ANYWHERE, USA	JDOE@ANYWHERE.COM	$2345	N/A
P222333	JANE BROWN	2222-2222-2222-2222	SOMEWHERE, USA	(123) 456-7890, JBROWN@SOMEWHERE.COM	$765	0003C92DB48F
P333444	BILL GREEN	3333-3333-3333-3333	ANYPLACE, USA	(111) 222-3333	$6100	66.6.77.101

FIG. 12

1300

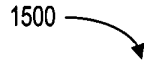
INFORMATION DERIVING DEVICE IDENTIFIER 1305	ASSOCIATED GAMING DEVICE IDENTIFIER 1310	SENSORS				
		CAMERA FOCUSED ON DISPLAY SCREEN? 1315	CAMERA FOCUSED ON CREDIT METER? 1320	MICROPHONE IN COIN TRAY? 1325	TOUCH SENSORS ON PHYSICAL BUTTONS? 1330	TOUCH SENSORS ON DISPLAY SCREEN? 1335
S10001	G20008; G72134	YES - G 20008	YES - G200008	NO	YES	NO
S10002	G12345	YES	YES	NO	NO	NO
S24429	G86522	NO	YES	YES	NO	YES
S34567	G11223	YES	NO	YES	NO	YES

FIG. 13



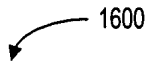
MESSAGE CONDITION 1405	MESSAGE IDENTIFIER 1410
SHOW PLAYING TONIGHT AT 7:00PM, CURRENT TIME 6:45PM, RATE OF PLAY BELOW 300 PULLS/HR	M1111
SESSION LOSSES > $20, PLAYER HAS NOT PREVIOUSLY RECEIVED THIS MESSAGE	M2222
PLAYER STAYED IN HOTEL THE PREVIOUS NIGHT	M3333
SESSION HAS LASTED CONTINUOUSLY FOR 3 HOURS	M4444
SESSION LOSSES EQUAL $30	M5555

FIG. 14



MESSAGE IDENTIFIER 1505	MESSAGE TYPE 1510	MESSAGE 1515	RESPONSE 1520
M1111	ADVERTISEMENT	"ATTEND THE MOST AMAZING MAGIC SHOW ON EARTH! TONIGHT AT 7:00PM IN THE CASINO THEATER."	NO
M2222	PROMOTION	"ASK ANY ATTENDANT FOR A COUPON GOOD FOR $5 OFF A STEAK DINNER AT OUR CATTLE RANCH STEAKHOUSE."	NO
M3333	SURVEY	"ARE YOU PLEASED WITH YOUR HOTEL ROOM? IF SO, PLEASE PRESS THE "BET 1" BUTTON."	YES
M4444	GENERAL INFORMATION	"IF YOU NEED THEM, RESTROOMS ARE LOCATED ON THE OTHER SIDE OF THE FOUNTAIN."	NO
M5555	OFFER	"GET $30 BACK BY AGREEING TO SWITCH LONG DISTANCE PHONE COMPANIES! IF INTERESTED, PRESS "YES" AND A CASINO ATTENDANT WILL BE OVER SHORTLY."	YES

FIG. 15



OUTPUT MESSAGE IDENTIFIER 1605	MESSAGE IDENTIFIER 1610	PLAYER IDENTIFIER 1615	RESPONSE TO MESSAGE 1620
OM112233	M1234	P122112	N/A
OM223344	M2345	P233223	WAS PLEASED
OM334455	M3456	P34434	OFFER DECLINED
OM445566	M3456	P544554	NO RESPONSE YET

FIG. 16

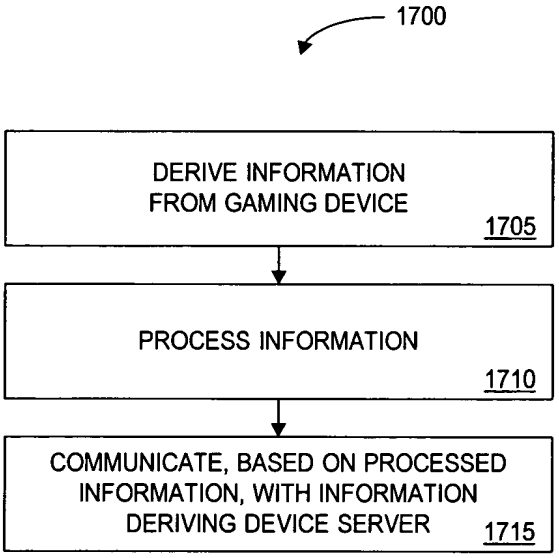

1700
DERIVE INFORMATION FROM GAMING DEVICE
1705
PROCESS INFORMATION
1710
COMMUNICATE, BASED ON PROCESSED INFORMATION, WITH INFORMATION DERIVING DEVICE SERVER
1715

FIG. 17

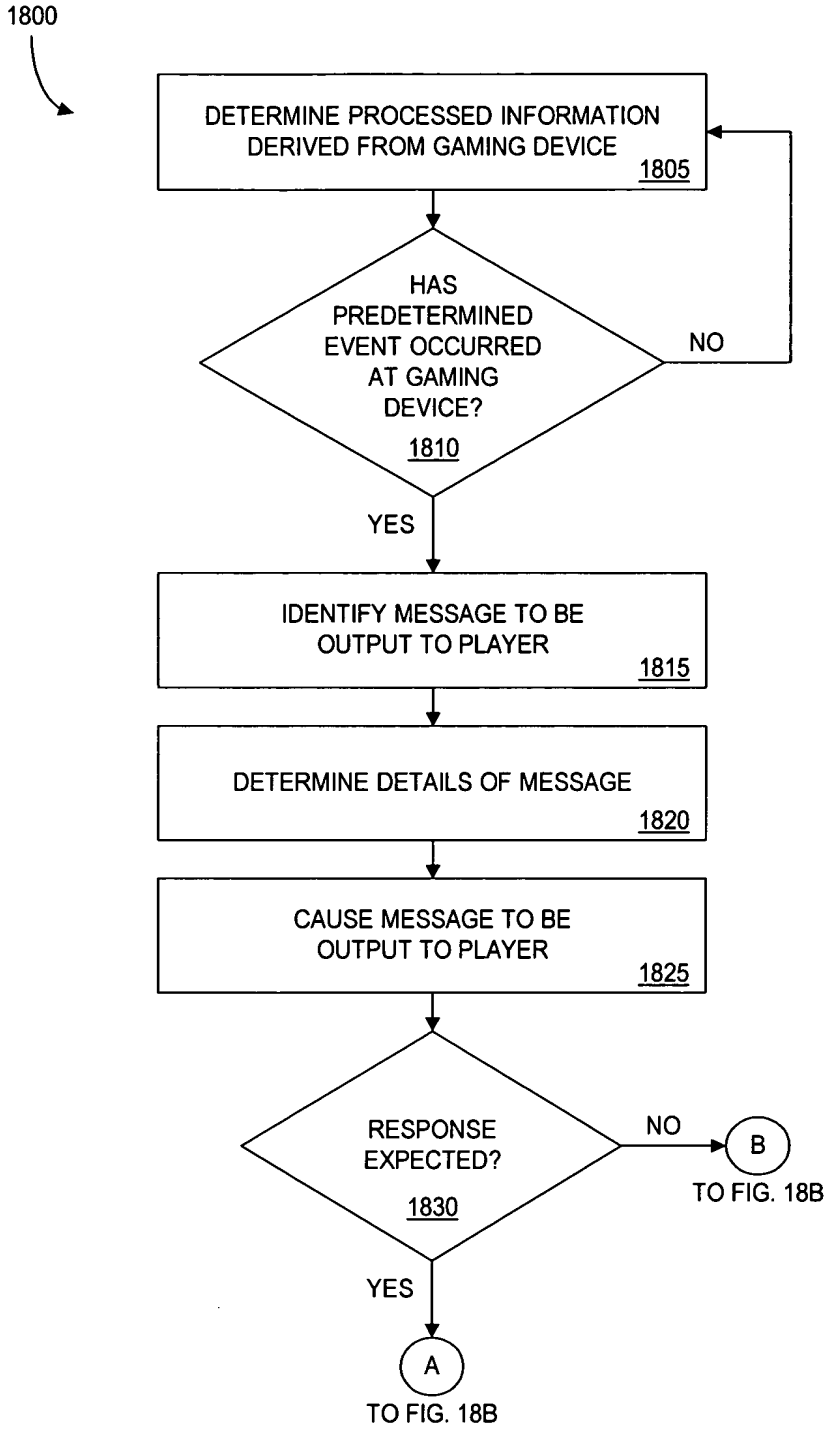

1800
DETERMINE PROCESSED INFORMATION DERIVED FROM GAMING DEVICE
1805
HAS PREDETERMINED EVENT OCCURRED AT GAMING DEVICE?
1810
NO
YES
IDENTIFY MESSAGE TO BE OUTPUT TO PLAYER
1815
DETERMINE DETAILS OF MESSAGE
1820
CAUSE MESSAGE TO BE OUTPUT TO PLAYER
1825
RESPONSE EXPECTED?
1830
NO
B
TO FIG. 18B
YES
A
TO FIG. 18B

FIG. 18A

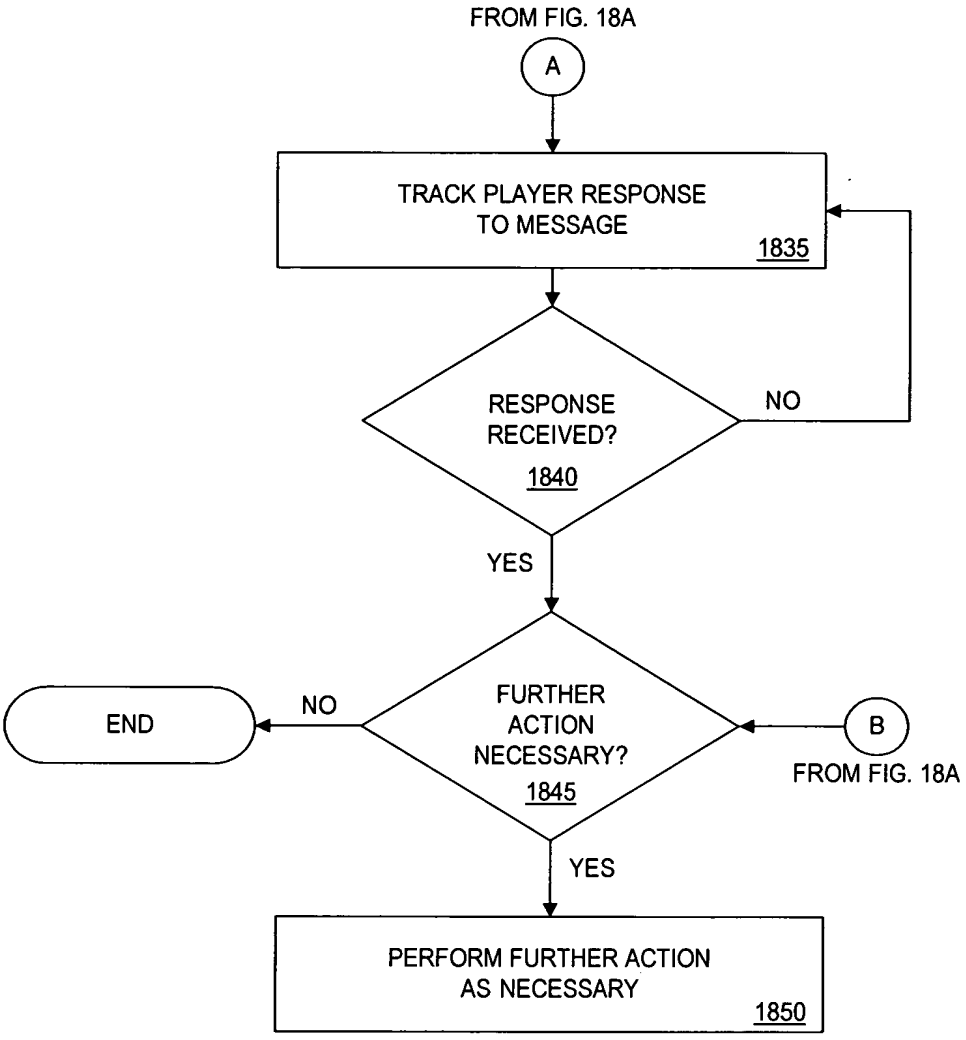

FROM FIG. 18A
A
TRACK PLAYER RESPONSE TO MESSAGE
1835
RESPONSE RECEIVED?
1840
NO
YES
FURTHER ACTION NECESSARY?
1845
NO
END
B
FROM FIG. 18A
YES
PERFORM FURTHER ACTION AS NECESSARY
1850

FIG. 18B